

Mexico

1988

7530-00-222-3521

FEDERAL SUPPLY SERVICE

(GPO)

Berbero Montu

52-988-422-01

One Reno 614-292-6112

Mercedes 357 1970

Sr Vugul 228-65

228-87

Russell Greenberg

National Zoological Park

Washington, D.C.

20008

Check on: Novembers netting in the  
Grazed Acajua

In Jill's notebook:

Day 3 Feb. netting in Ungrazed Acajua

Day 3 Mar. netting in Young Forest

Feb 4, 1989

Km - 23 Rd off white Rd.

BTC ♂ ad leume

large in lb

8/9m

♂ MW 5/10 - 16st 3x4"

♂ AW

3q Red

WEV

2 ♂ ad 3 Red

WEV 5/9m 16st 3x4"

plum Hatched bird

Y. Borneo

B. L. W. L.

R. T. B. W.

Ant tanager

Ad 3 Red

WEV

WEV Bursera fruit

♂ Ad  
♀ Redstart

♂ PW Vireo 547" 12g'  
7/9

FCP 10 m 5-

April

lots of carpenter  
3-4' slabs

MW 4 2/3'

♂ Ad Redstart here but not

Polcero huge ↓

WEV 11/51 6x to 4/6'

Spotted S. vireos in area

C.C. Yellowthroat

B.B. Grosbeak

T.T

1 sound with LD

LT/2

Porter -

(T.T. in SW Bursera fruit)  
Vireo thrush also in  
tree

April -

Trine warbler - (crab like)  
etc Trine

♀ Redstart

Forest - Acorn edge

B+W ♂ ad

Forest - Acorn

edge

♀ MW

W EV cd 5/8'

1b gl x2 4x1"

qm 7/15 1b knelt dig  
3x5" 1b f

2x3" h w 1b

2/6 Grazed Acorn

furrowed

R. P. Lunar display

O. R. Dm (th w hel)

R. B. Pepper shaker

1. 1 1 15 S. Virco

0.5 1 20 45

1.2 20. Sparrows

C. American hummer

1. 1 R 20 (Red h)

1. 1 HW [HL]

2. 1 R MW h!

2. 1 S. Virco

R. Antelope

J. B. Wren

2. 8 1 15m PW probe into soil  
white flowers

R. G. G. G. G. G.

3. 2 R O. sparrow

2 S. Virco

1. 1 R. B. Pepper shaker

4. 9 HW R

Red

1. 3 1 4m 5 PW 9/11m soil

1. 1 R 80m MW h!

3 R 20 C Flyer

7, 1 2 S. Virgatus

B. G. Gunkel

Q. 1. R? How to

~~1.4 R 8m PW 1/3m~~

RT Beccant

2 B. 6 Gattungen

4.  $9\sqrt{c} + 12\sqrt{c}$

R. B. Pappas et al.

7.6 R Lfly

25.000 in frequency

4.1 D. 2 perine

15.  $\phi(1)$  is 1

8.1 R HW Ed

8.2 x 18m B+L WxL

~~8.9 R 15 m MW~~

R. D. Rappaport

g. b. - t. - h. v

B. (17632)

9.5  $\Delta$  207

9. K-dim PW 8/10

9/10. Survival

10. ~~Sp on L flye~~

B. b. b. c. + filus

1.2 4T wishw flow av

2 f. viridis

C. h-m

H. & PW ♂ 1-ft 15 m prchy w.b. & flowers

10.9  $[4\pi]$

11.5 x 0.25/100

U. (B. G. G. + L. + L.)

~~IRG CFIC LIR~~

12.7 ~~Q~~ Pw 5/6m Acc...

13 chelating

*S. urica*

# Cham

W.C. Schuchter

2 Question Answer:

~~13.9 & 47 hct~~

15.2 7 May 6..)

154 x 45 L.

15.  $\Delta K \approx m \Delta W \approx 400$

~~11. ? T M... have~~

R L with h

17 T Price

W.C. Steele ✓

18.2 R 4T 3m on ground

14. R.B. P. yadum

4. B. E. C. C. C.

18.2 L O. sp. 1000

B. b. C. C. C. ✓

19.8 R 15 m L flies

L 4T

7.22 + 3

200 5mm L. C. C. 1b

3mm honey 1b

100 4mm gr. sp. 1b

100

200

200

100

100

100 3mm sp. 1b

3mm honey 1b

200

200

100 4mm honey 1b

100

100

200

300

200 4mm honey 1b

2000

2/2

= kn down rd vld - 4-5:30 p m 2/6

Thick Scrub by Rd ~ 3m

♂ MW

♂ HW

Vellut Rd Bird 1

2 S, B wren

F. P. wren

Yellowthroat

L.T. vireo

Hooded Oriole

# 2

♂ U m. chug

2-3<sup>00</sup> Scrub

A MW ♂

MW ♀

YT hil

Scrub with 4m Auccis

no black & HW

PT 5

- MW hd

MT

BTG (in distance)

Feb 7

C19R0

Botanical Gardens

2 WEU

♂ ♂ HW + ? HW

ad ♂ Redstart

♂ MW

knld

overbird

R.T. Tanager

Cashew Green

Mulberry

2 YF Warblers

♂, ♀ BTG

2 ♂

2 ♀ PW

BW Warbler

♂ BW Warbler

♂ S. Tanager

♂ Hooded Warbler

ad ♂ MW

7 Grackles

D.C. Fly

L. Green

1 Indigo Bunting

2 Green Jays

Hooded Oriole

YT Vireo

Horrocks  
Valley Rd - off rd

lots of stony short trees 10-15m

Q MW  
2 F Prints

---

Similar habitat

♂ HW

WEU

WBW

B.L. Eagle

S. Cuckoo

---

lots of <sup>short</sup> trees

♂ HW

---

glad lots of trees

WEU

WBW

S. Vireo

R.R. Ad. 11m

F. Pigeon

lots of trees

under thick with tall bush

HW Ld

.. No HW

.. HW Ld

Most trees killed - No d.n

Feb 8 - AM

at 1 Blue down tower

L flyc.

Redstart Ld

M. Blackbird

S. Vireo

PT 2

F. Pigeon

Redstart Sub ♂, ♀ MW

PT 0.  
Sparrow

B.L. S. Titbird >

Yellowthroat

Pipit

Blowdown forest  
Roadside Jct

2 WEU  
♀ MW  
3-4 R. T. Antthr  
L Flyc  
HW to Benth. 11  
2 Scrub wren  
B. L. Titbird  
L. Gnatcatcher

mostly scrub forest  
with many down trees

MU ♂ ad  
HW ♂  
Greenlet  
RHW W ♀ ad  
PW ♂  
RT Tanager  
WEU

interacting with ♀

Same Blowdown - lots of down trees  
Lth or very

♂ HW  
R. L. Titbird  
RT Antthr  
RT Tanager

4:00 pm

long  
Blowdown - made - very shrubby

11:00 am in afternoon

♂ HW  
♂ MW

long Blowdown - shrubby  
made 1/4 ♂

long blowdown - made 1 flyc  
♂ YT

Feb 9

lost point ridge

HWS

MW. m. s

WEV

Bh. Trogon

P. B. Woodpecker

CL Flyc.

---

On Same Trail:

heavy blowdown - thick scrub

WEV

Grey Irbid

Feb 7 pm

2 km S P. Morelos also m. l. s

Tall f. s, L

heavy blowdown at by trees

near salt lake

♀ <sup>HW</sup> with thin black face line + collar

<sup>made m. s</sup>  
N. B. t. h. l.

Tall forest heavy understory for strong  
fans

♂ HW

R. T. Ant tanager

N. B. t. h. l.

Gr. w. t.

Similar black t. h.

♀ HW lots of black on throat & back + hind  
WEV

strongly - A. t. h. s. l. s

♀ HW class 2 (second 2 thick)

A. t. h. s. l.

I. B. Woodpecker

♂ Y. T.

Feb 10 Felipe's Ranch  
tall forest medium canopy

2 ♂ HW

♂ PW

♀ MW

WEV

R.T. Tanager

L. Flycatcher

[Atilla is historic]

L. Greenlets

Bananaquit

♂ B. Woodcreeper

L. Greenlet

Blue

Big tree story

C. Tanager

HW ♂

♂ MW

WEV

♂ B. Woodcreeper

R. T. Tanager

M. B. Tanager

L. Greenlets

♂ Blue B. T.

L. Greenlets

Shorter forest along fence

ad ♂ Redstart

♂ MW in good plumage

WEV

R. T. Tanager

B. W. Woodcreeper

B. W. Woodcreeper imm ♂

2 L. Greenlets

♂ R. T. Tanager

♂ Parula

♀ Parula

WEV

Yucatan Vireo

Long Flycatcher

L. B. Wren

♂ HW ♂

L. Greenlets

T. C. Greenlets

R. L. Woodcreeper

S. T. Spadebill

O. Woodcreeper

♂ ♀  
7-3

has mostly Blundon

HW imm g

NW g?

W.E. vireo

W.L.H.

4 R.T. Ant tanager

P. Flycatcher

R.T. Tanager

Sp. b. l.

W.B. wren

Long Blundon mostly

some b. l. trees

3 NW imm

W.E. l. l.

~~S.B. wren~~

11

S.B. wren

HW imm g

R.T. Ant tanager

W.L.H.

3 HW ub

L Flycatcher

More open undergrowth + standing trees  
Leaf Blundon

2 Greenlets

2 D.C. Flyc.

L.B. wren

3 PW }

4  
B+W wren }

NW g

R.T. Ant tanager

Greenlets

W.E. vireo

B.P. Flyc.

W.B. wren

R.T. Ant tanager

B.C. Flycatcher

Partly More Blundon  
Brown Jays

# Coba - Forest

BTG

MLJ

MWQ

Pointed Bury - caty weed purple peduncle fruit

Trigo Bury

Q S. Tarr

Gr. Leth. - caty fruit

Q. P. L. W.

Q. Hooded W.

Q. B. Elmer

Q. W. Tanager

Q. B. W. W. W.

M. Bluebird

Yellow-bellied

Empidonax at lake Point (west)

with yellow

yellow with streaked

short legs

short double-crested

Kreeper "fowl"

no legs

tail only

shrub Forest - along river

ad S. Ret. 2

Q. MW

Q. H. W.

Feb 11  
Main highway  
along Rd 5 at P. Morales

Short 13m forest mud  
blooddown lots of

stagnant

3 HW, ♀ "class 2"

3 MW, ♀ MW

2 WEV

2 R.T. Antt (v)

W. B. War

heavier blooddown

2 WEV

4 TV

ad 3 MW

imm 3 MW

4 T 3

Wilson's wubler

HW ♂

G. B. sparrow

mail blunder

heavy stagnant

♂ MW

WEV

2 L. G. wub

R. T. Antt

Rd to cave 3.2 km from P.M

heavy  
Blood down with extensive leg cramping  
Nada

shed forest, <sup>not</sup> by blood down  
N. B. wubler

♀ "3" HW  
♂ MW

♂ HW

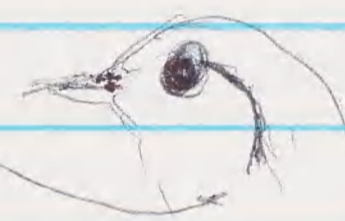
G. latbird

G. B. sparrow

WEV 0

♂ MW

♀ - no black  
feet



List of Birds seen on  
Hurricane woods Feb 6-11  
Verde Rd, Botanical gardens, Felipe's  
Reck - Rd South of Town

~~Bay~~ Collared Forest falcon

Crane Hawk

Gray Hawk

Roadside Hawk

S.T. Hawk

Plain checkered

Red-billed Pigeon

[W.C. pigeon]

Common Ground Dove

~~Blue~~ Olive-throated Parakeet

White-fronted Parrot

Yellow-crowned Parrot

Squirrel Cuckoo

~~Green-billed~~

White-bellied Emerald 1

B. headed Trogon 1

Golden-fronted woodpecker

Redder-backed woodpecker

Green-backed woodpecker

Ruddy Woodcreeper 2

Olivaceous Woodcreeper 2

Two-billed Woodcreeper 4

B. F. Antbird 2

N. Beardless Tyrannulet	2
N. Beardless	6
Yellow-olive Flycatcher	3
Stub-tailed Spadebill	5
Tropical Wood Pecker	
B. R. Attila	10-15
Yucatan Flycatcher	1
Dusky-capped Flycatcher	12
Great-greened Flycatcher	1
Brown-crowned Flycatcher	2
Kiskadee Least Flycatcher	10+
Brist-billed Flycatcher	4
Social Flycatcher	10
Tropical Kingbird	?
Rose-throated Becard	12
Masked T. Tyra	4-5
Green Jay	}
Brown Jay	
Yucatan Jay	
Spot-breasted wren	common
Carolina Wren	6
White-bellied wren	abundant
Long-billed Cuckoo	1
<del>Abney</del> <del>Abney</del>	
Tropical Gnatcatcher	2
Cop-colored Robin	6

Gray Catbird	15
Black Catbird	10
White-eyed Vireo	- count points
Yellow-throated Vireo	4
Yucatan Vireo	7
Tourmaline Greenlet	5
Lesser Greenlet	30
Rufous-brown Peppershrike	10
Blue-winged Warbler	2
N. Parula Warbler	add
Magnolia Warbler	add
Black-throated Green	
Yellow-throated Warbler	
Blacker White Warbler	
Am. Redstart	
Palm Warbler	2 (on rd)
Ovenbird	6
Kentucky Warbler	2
Common Yellowthroat	17
Hooded Warbler	37
Gray-throated Chat	3
Wilson's Warbler	1
Bonaparte	2
R. L. Honeycreeper	3
Scrub Euphonia	2
<del>Yellow-throated</del>	
Red-throated Ant Tanager	120
Rose-throated Ant Tanager	10

Summer Tanager 2  
 Black-headed Saltator 6  
~~WOT~~  
 Rose-breasted Grosbeak 1  
 Blue Bunting 2  
 Indigo Bunting 1  
 Green-backed Sparrow 8  
 Melodious Blackbird common  
 Black-cowled Oriole 6  
 Hooded Oriole 10  
 Yellow-backed Oriole 2 ?  
 Yellow-tailed Oriole 6  
~~RA~~ Antennaria Oriole 6  
 Yellow-billed Cuckoo 4

Feb 12

6:00 →

Grass Hawk Accipiter

Short-toed in a J Red  
 49 vireo  
 2 PHW Ld

Accipiter 2 L Fly

~~in a J Red~~ - large lb 1' 5/6m  
 1 x 6" 1/2

2 B. Condors is white flowered vine

WCU 7/8m ~~in a J Red~~ Barron fruit

Redstart ad ♂ 8/10m 1b 1up 3"

Hw ad ♂ 5/8m 0/8m

2 L Fly

♀ PH (on the cloud) 5/6m white vine flower  
 4/6m

ad ♂ BTG 5/7m Arrive 1b/1

S HW ♂ 4/4.5m Ann  
16g1

R

Along Rd - short bush

Imm ♀ HW

WEV 3/7m shd  
for 16g1 usually

Imm ♂ Redd 3+7"

HW

Old Road

Imm 15-

♀ BT6 16g1 acc'd  
14/18m

Imm ♂ Red

♂ MW 15/12m

NJ R

RTAT

E F1 + 2, 1

T. C. G. 4m 2

C. C. Lohr

P + 10g1

O. Lohr

I. B. Lohr

Ungrazed August Feb 13 1989

clear + calm

26 B. Bhumdiup

[HW]

18.9 Scrub Vireo W

17.1 O. sparrow W

17.8 R 17m L Flyc 3/4m

17.1 S. vireo

18.2 Red hd

16.8 R. T. Tanager

16.5 O. sparrow

10.3 S. vireo 2d

15.5 L 13m 3/8 Red hd

14.9 L 5m MW hd

14.2 2 M. T. Tanager

14.1 ♀ Red hd 7/8m

♀ MW 6m

2 S. vireo (WEV hd)

D. L. Flyc.

B. L. T. Tanager

12.4 S. vireo

11.9 HW hd R 20m

11.3 G. Flyc

10.5 S. B. wren

10.4 MW 5/6 R 15

9.8 F. T. Tanager

9.3 R 15m ♀ Red 4/6m

F. T. Tanager

8.3 L 3m LEV Red/? 2.5/3m

1hys

Common Line

9.2 L 15m HW hd

R 20m HW hd

R 20m L Flyc

B. L. T. Tanager

H. oriole

6.9 L 20m Red 5/8m

S. vireo

B. G. Flyc

6.5 20m HW hd

6.3 L 10m HW

B. L. T. Tanager

5.1 F. T. Tanager

2 S. vireo

T. Peewee

3.5 O. sparrow

S. vireo

2.9 O. sparrow

F. T. Tanager

B. G. Flyc

1.2 S. B. wren

0.9 H. wren

Ork

[MW, 9T]

HL 5  
Lid. 3  
WEV 2  
LEH 2  
BW 1  
MW 2 = 15

Throat colors

300 5 x 3mm honey lb

300 3mm honey  
4m sp. r

300 3mm sp. r lb

200 3m honey lb

300

200

200

200

200 4m honey lb

300

200

0/9

Rd SW STERESA

♂ BTG 1dyl 3/8m 2x3" 1st  
♀ 1dyl 3/7m Area

~~WEV 2~~ ate Burren fruit

♂ BTG 9 5/11 2x3" 1st  
sp. w. b. 1st!

WEV 3/5m 1dyl 3x5" 3'

MW 4m honey lb 3x5" 3/5m

WEV 3/5m 1st large + chg. r

Vio lacc. Trog. S

20~~9~~ Tall Forest  
Feb 14 clear calm sun

20 R 20m Redstart

L. Greenlet

W. B. T. 11

Ant. Tanager

18.9 R Redstart

18.2 L 20m Hw. 11

BB hummer

18.5 R 19m 15/10 - B. W. W. 9

3 B. Jays

L. Greenlet

19.3 R 15 W. B. T. 11/12m

S. B. W.

D. C. Fly

17.9 Owl 11 W. B. T. 11/12m

12/12m

17.5 L 20 B. W. T.

17.5 L 20 M. B. T.

16.5 L 14m 12/11

ed. 3 R. W.

G. Greenlet

16.2 L 13m B. T. 6

2d

W. S. 11

15.9 B. B. T.

15.9 R Redstart 10m

15.5 L 18m M. B. T.

hummer

14.9 B. B. T.

Ant. Tanager

L. Greenlet

9 Tanager

13.9 R. C. Ant. Tanager

4 O. Flycatcher

A. T. 11

S. R. Flycatcher

O. W. 11

R. T. Ant. Tanager

13.5 R 19m M. B. T.

13.5 R B. B. T.

12.9 T. B. W. 11

B. B. W. 11

T. W. 11

12.5 R 10m Redstart

16.7 L 15m M. B. T.

16.9 R 20m Redstart

R. T. Tanager

T. B. T. 11

4. B. L. Tanager

Feb 14

PM

Tr. 1 = John + Ana JTERESA MA

guy N (prot Quercus on coll +)

100g tr. 1-

MW ♀ 1/2.5m 12g 6"x2"

Red (aka) ad ♂ Red  
♂ MW

♂ ad Red. hum + drip lat 5'

♀ MW short forest

15 Feb

Young Bird 30 nets

7:00 pt 16 - Bentbill, Spadebill, BB Hummer  
Ruddy Woodcreeper, RT Ant Tanager

Pt. 5 American Redstart ♀ 19.5

Wt: 7.0 gr wing - 5.96 12.5

Fat: 1- 7.0

#163 Red/or left

8:30 Ruddy Woodcreeper  
Olivaceous Woodcreeper

Blue Bunting

Gray Throated Chat

Hooded Warbler ♂ 26.5

Pt. 7 17.0

dB/or right #32 9.5

Fat = 1-

Wt = 9.5 gr

Worm-Eating Warbler 28.5

Pt. 8 14.7

Black Blackleft #164 11.8

Fat: 1-

Wt: 11.8

9.5 T. b. tithealer  
J. r. r. r.

9.2 R 18m (MwH)

8.1 J 8m (Red)

8.9 J 6m (Mw)

8.9 R 21m HW  
L.B. Emerald

6.9 R 5m 7/9m at J  
(Red)  
16 kg 3+7"

6.9 J (BTG 143)

2.4 W. B. W. r.  
2.4 J L. p. r. r.

4.2 RT Ant. r. r.  
4.0. H. r. r.

3.9 R 10m BTG 143

3.5 R 8m Mw 3  
6/8m  
1kg 3/5

2.5 P. R. B. i. r.  
A. i. r.

W. B. Emerald

1.9 J Red. E. r.

1.2 BTG 143

L. B. Emerald

0.2 J Red. E. r. 4/12m

K. r.

9.5 MW 3/4m

BT 6 km

S. B. Woodpecker

R. + Ant. r. r.

T. R. L. Woodpecker

R. r. Tanager

Another MW 10/15 8/10m

BTG 143

H. r. 3

K. r. 1

R. r. 1

MW 10

R. r. 7

W. B. 2

28

Insect (caterpillar)

100 4mm or 3mm 1h

200 3mm or 2mm

200

100 3mm or 2mm 1h

100

150

350 (3mm - adult black wing 1h)

1200

200 (5mm or 3mm 1h)

200

300 (4mm or 3mm 1h)  
6-12

300

2200 1.5mm or 1.2mm

300

2000 0/6

15 Feb Young forest (cont)

Ovenbird Pt 3

24.8

Or/or left #239

7.3

wt: 17.5 gr

17.5

fat: 1

Wing spots

PT 11 unheaded @ HL  
rolled in ~~cut~~ by  
holding ♂

9:30 Blue Bunting, Y.B. Cacique

Smoky Brown Woodpecker

Hooded Warbler Imm ♂

24.4

Pt 2

14.8

wt: 13.6 gr

13.6

Fat = 1

#166 Yell/or / yell/or left

★ RE-CAPTURE HOODED WARBLER

#112 RED ORN2 RED LEFT

Pt 13.5 ♂

28.5

FAT = 1-

18.4

WT. = 10.1

10.1

(2) RT Ant Tanagers ♀, ♂  
 Greenish Elaenia  
 B.B. Hummingbird  
 T.W. Woodcreeper  
 Green-backed Sparrow

12:30

MAGNOLIA WOODCREEPER  
 #65 LT BL. OVER LT BL - (LAST)  
 ♀ ADULT PT. 18  $\frac{21.3}{13.3}$   
 FAT = 1  
 WT = 7.6  
 WING LENGTH = 5.70

2:00 OUNBIRD PT. 7  
 #240 RED OVER RED LEFT  
 FAT 1+  
 WT. 18.6  
 IMM. BY TAIL BARS + WING COULTS.

★ ★ OUNBIRD - RECAPTURE (LAST YEAR)  
 #60 RED/GREEN OVER RED/GREEN RT  
 FAT = 1  
 WT = 18.8 PT. 7  
 ADULT TAIL MARKINGS

$\frac{21.3}{12.5}$   
 18.8

(3) I.B. Woodcreepers

Ad ♂ 26.5  
 2:45 Black & White Warbler 16.5  
 WT = 10.0 PT. 6 10.0  
 Fat = 1  
 Red/Red Left #167

Ruddy Woodcreeper

Day 2 2/16 Young Forest Nematode

(2) Ruddy Woodcreeper  
 R.T. Ant Tanager  
 B.C. Motmot  
 F. Pygmy Owl

PT 14.5 ♂ MW g/l 13 left  
 8/10m (last 3+5")  
 resighted ★ ★

16.5 HW ♂ 4/0 Recip (RIGHT) (H 42mm)  
 FAT = 1 25.4  
 WT = 10.5 16.9  
 14.5

★ ★ 17.8 P.B. Ruddy ♂  
 20.1

R.T. Tanager

W. B. W. B.

Q Ruddy Woodcreeper white Barred  
Ruddy Woodcreeper

~~10:00~~ 10:00 W.E. Virco PT 14

24.9 - 13.7 = 11.2 gm 1 fat

adult tubing?

#291 Right

1 gr 1 gr left

1130 N. Barb. 11

Wh. Woodcreeper

R. Woodcreeper

B. C. Mitre

Q Redstart R/10 1 fat PT 1

1100 Longhorn 4 x 1/4

32.2 - 25 = 7.5

1 fat

~~1306~~ 2.4.5 1"

PT 1) Owbird Red/Red left

Recpt. (from dig before

19.1 gm) 1 fat

Transit Bunting 2/16

PT 11. Grackles

J. C. W. W.

Y. W. W.

Q Redstart un

Q W. B. 10 165 2x2'

W. W.

2/18

UM 5 Cirilla Porto

WEV 10/15 m 11 large 3x5"  
catpiller

WEV 10/13 in Berseri stem

11 large 4x5" lat  
6"

BTG ♀ 15/15 m two glen

♂ Rid Knoll - drop 2' 3x5" lat

WEV entered Berseri  
with lots of fruit

4T Jingo flew over + checked at 2x

Waved legs & pulled up through

4T vireo returned at the fruit  
then WEV did too 15/17 m

Ad ♂ Ralstr L

Ad ♂ Ralstr + hf

♀ Ralstr L

WEV 6/12 m 16 large 3'-3x5"  
16 glen 4x5" Mctop  
16 gl

2 w. checked P-f f.b.d.

1 larva + 1 egg 3-5" white  
long caterpillar

2 v. Truson 1 fruit got 7" green  
caterpillar

ad ♂ Ralstr

ad ♂ Ralstr

WEV - fg? sp. + up seed!

Feb 17

7 km NE S. T. road

WEU 5/6m 1bgl Hup  
thin to B-race  
at front

Imm Red 3/5 5 Fov 12  
2' 1b log 2'

♂ MW - SP

♀ MW - SP

Low inundated forest  
~ ♀ class 2 HW

♂ MW

Imm ♂ Redotv  
♀ in HW

Red?

HW?

MV?

WEU 6/7m 1t 2x4" large  
2'

Feb 18 center

WEU (nfcogsw)

PV ♂ 1bgl 3x5 8/10

PV ♂ prob small white flowers  
w. th opposite leaves

Imm ♂ Red

♀ B56 12/12m Accic LT log

2/14 Punta Puti-up

3-? km on rd to Ranch Roca

3 BTB 14/15 ~ 15 kg

♀ BTB

2 WEV no fly

4 G.C. flycatchers

MW ♂ TF 10/15 12 kg 3x5"  
" MW ♀ 10/15 ~ 16 kg 2" 3x5"

3 KW

1 Yellow bellied Flycatcher  
(smaller)

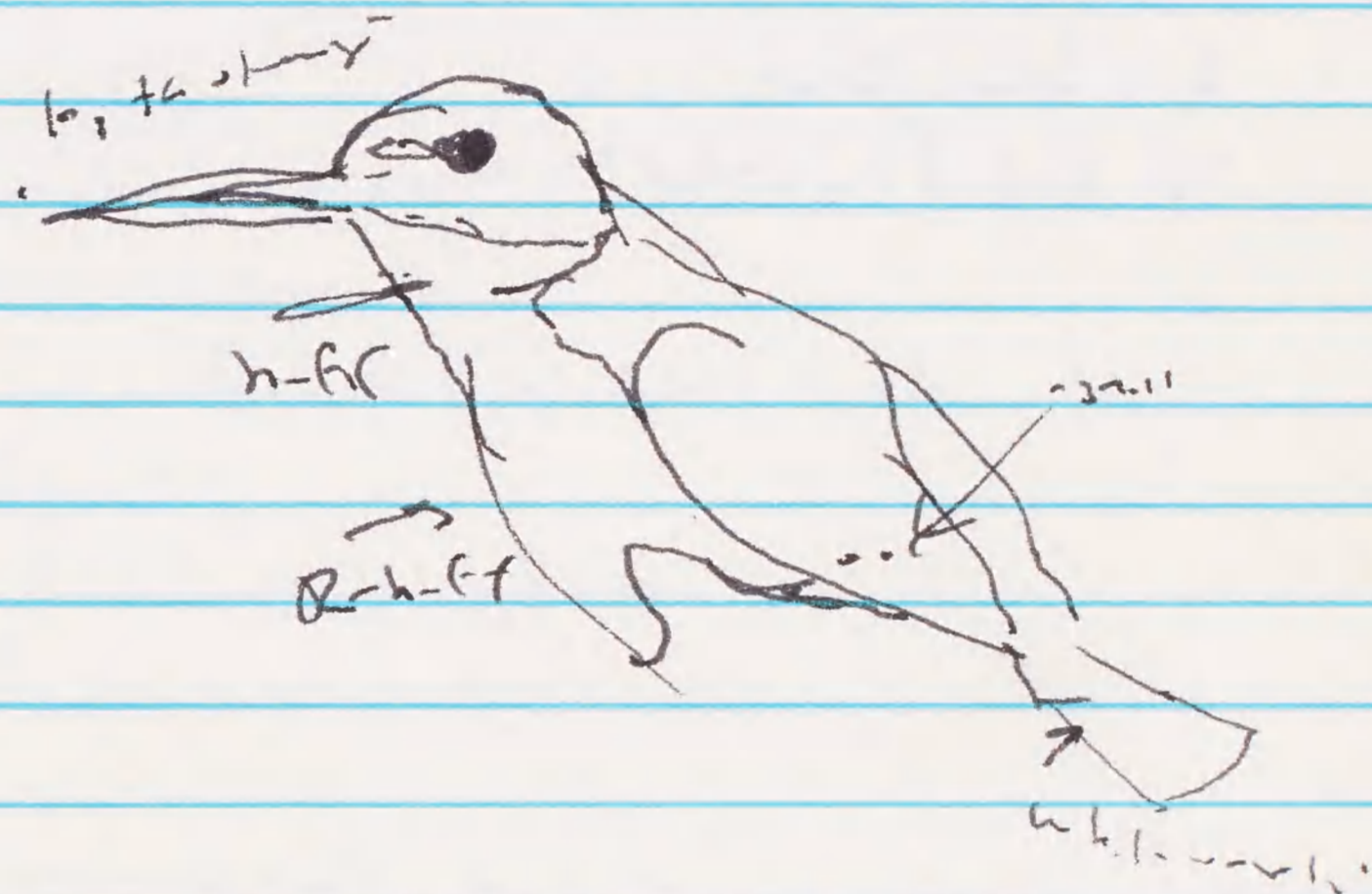
♂ BTB A (4 kg)

WEV 3/5 ~ 2x5" 16 kg 2"

Forest

♀ MW 8/8 16 kg 1x3'

BTB imm ♂?



LEJ - flycatcher

Red ♂

Red ♀

MW ♀

Feb 18-19 we went to Southern  
Part of the reserve.

Punta Pelicula → Rio de Sordana

Took Rd from P.P. to old

forest 3km then willow

thru 2km of tall forest:

g Olive-backed Eagle a nest

Pygmy Kingfisher

Green Dove

4 G.C. Flycatcher

Feb 20 1989

Clear with occasional line cloud,

Young forest Troncat - Forward

0.2 ~~R Redstart~~ 8/10m ♂ on R 11m

3 Yucatan V,

S. vireo

0.2 ~~R 15m HW~~

S. Euphonia

G. Elicenia

1.2 ~~R 15m HW~~

1.5 ~~R 10m Lf~~

1.3 ~~R 5m BT~~ & 10/11m Az

B. Bunt

1.2 ~~R Redstart~~ 20m R

B. B. hummer

1.4 ~~AT 12m Lf~~ R 15m

2.2 ~~R 10m HW~~

R. S. Ant near Lf

ML 12m hf

2.6 ~~R 10m Red hf~~

2 Yucatan V

B. B. hummer

3.5 ~~T. black~~

~~but~~ Lf V hf

L 5m 8/12m below down hf pride

~~Redstart~~ hf

mw hf 10m &

B J 6

N. Beardless Tyrannulet

Greenlet

B. B. Flycatcher

5.2 R EV etc Bursera R 8m  
4.9 R Red/Black 9/10m

5.3 L 4m 8/12m  
B. Woodpr. Black/Black?  
L Greenlet

MW  
S. B. Woodpr. v  
Yulita fly

6.3 Greenlet, T. G. d.  
B. W. v 10/11  
um 1 b. l.

RT Tanager  
NEU h. l. v  
sm

6.7 LEV 8/10m 16/10m 3

MW  
15m

BTB R 10m h. l.

7 Beardless Tyrannulet  
R. T. Tanager

7.1 R 5m BTB h. l.

7.5 R 10m MW

7.6 R 20m R. l. h. l.

7.7 W. E. l. g. m. c. l. Bursera  
O/O R. l. h. l.

B. C. Flycatcher

G. T. ch. t. s. i. g.

7.8 R 8m H. W. h. l.  
S. L. ch. h. v

10-? G. C. h. l. h. l. ??  
M. T. h. l. h. l.

7.9 Social Flycatcher

12.3 R 20m H. l.

R. T. Tanager

S. B. Woodpr. v

[Phoebe + L. v. l.]

Beardless Tyrannulet

W. E. s. i. g.

L. Greenlet

15.1 R 10m of Red um 8/10m  
MW

R. T. Tanager

Greenlet L. E. l. h. v

[R. T. T.]

16.7 R MW 20m h. l.

R. T. Tanager

B. C. Flycatcher

12.9 R. T. Tanager

14.5 l 7m (Hw)  
19.5 l 10m (Hw)

1 sh 2

Hw = 7

Mw 6

WE = 7

BWw = 1

BWw = 1

Rid 5

BTG - 1

LEH = 1

Cit - 1

WATB.L

Antlion it ps 3

lots of Bn's

♀ Mhwm 6/8- 10/10

Ad J Rm

Insects 2 R

150 ant 1/2

1.5m gr pillar 1/2

200

50

400

100

200

300

1000

2 x 4m spider 1/2

200

100

200

200

100

2 x 4m spider 1/2

3m spider 1/2

200

300

200

3m spider 1/2

1/7

♀

BTG - 8/10m 2 x 3 1/2

1/2

21 Feb Beyond Graced  
Acqueduct on Rd.

WEU in Bursera - very nervous  
scratched a lot finally leaped  
for fruit which it swallowed!

returned 3' later &  
glanced around  
was still in tree when  
Z 1-12

Acqueduct - May Ac 14 g 3/5

♀ Red

1F 16 long 3' Arise

cross Rd Acqueduct

♀ MW 1.5/3m 1b 5)

♀ Redstart

hot spirals

YTW w/ fly  
S. Tanager

to bird at tree

WEU in Bursera - jumping  
got stuck on

1 Bursera - 1st of 3  
10 trees

Along Rd towards quarry

in Quarry - Redstart Egg

WEU 9/10m 1b long 3x4" (4)

♀ R.T. hummingbird feeding  
on white flower in Acqueduct

♀ Red Acqueduct at 5/8m  
1b 1st chase 1' 2x4"  
sally chase north 3'

ML3  $\overline{Ac}^3$  LF 1/25/2m  
1 hr 15 min 4x5'  
1681

4/4.5m ♀ Ac/LF  
1281 2x3"

Ungrazed Archival netting  
Feb 22 1989

6:45 net run  
WB wren  
SD wren  
Yucatan Flyc  
♀ Orange Oriole  
D.C. Flycatcher  
3 B.B. hummers  
♂ R.T. Becard

27  
16.2

WEV Pt 13 1m  
27 - 16.2 RECAP  
1 fat 88  
1st 116.1 .1.1+  
206 R. 1.1+

YTH RECAP 1st 3.1  
B/R - Orange R. 1.1  
#102  
ad ♂  
1 fat 23.5 15.5

23.7 AMERICAN REDSTART ♀  
17.0 BAND. PT = 0  
06.7 NO OVER RED / WHITE OVER RED LEFT.  
FAT = 1-  
# 172 WEIGHT = 6.7 gr.  
Ncw

OVENBIRD WT = 17.8 gr.  
38.4 DARKBLUE OVER YELLOW / DARK BLUE OVER  
20.6 YELLOW. LEFT.  
17.8 #244. Ncw PT = 6.5.  
FAT = 1  
JUVENIL. TAIL BARS

35.0 HOODED WARBLER. ♀ (III)  
25.6 FAT = 1- PT = 5.0  
10.4 gr. BLUE OVER RED. RIGHT.  
# 27. RECAPTURED.

34.0 HOODED WARBLER. ♂ PT = 11.0  
34.0 YELLOW OVER RED OVER LIGHT GREEN. RIGHT.  
10.0 gr. # 75

HOODED WARBLER. ♂  
23.3. FAT = 1- PT = 17.0  
13.5 #127.  
09.8 gr. BAND BLACK OVER LIGHT BLUE.  
RECAPTURED

MANGROVE VIREO. YELLOW OVER ORANGE PT = 1.

~~20.3~~  
W.L. SEED EATER  
(2) SCRUB VIREO  
W.B. EMERALD  
(2) B.B. HUMMINGBIRD  
MOLTING BIRD  
Y.B. CALIQUE  
W.L. SEED  
CHACHALACA  
Y.T. RUPHIA  
~~OL. SPARROW~~ GR. BK. SPAR

\* YELLOW BRESTED CHAT  
LT GRN / LT GRN LEFT  
31.0 FAT = 1 WT =  
7.0  
29.0 gr. SMALL FLAT SEED IN SHIT  
PT. 14.0

*Vireo griseus.*

WHITE EYED VIREO.

27.0 gr. #245

PT, 5.

16.5  
10.5  
WHITE OVER BLACK / WHITE OVER BLACK LEFT.  
FAT = 1

MAGNOLIA WARBLER ♀. #173

32.0 WHITE OVER BLUE / WHITE OVER BLUE.

25.3 IMMADURA.

06.7 FAT = 1

23/II/89

BIRDS.

- *Sporophila torqueola*
- Cardinal.
- Black catbird
- *Amazilia candida*
- *Arremonops rufivirgatus*
- 3 Oliv. sparrow
- 4 Myi. vireo
- ad + yg. Turt. Jay
- 4. vireo

D-2

2° DIA.

23/II/89

MW ♀ ADULTA.

PT = 12.

#176 RIGHT.

22.9

YELLOW-ORANGE OVER YELLOW ORANGE  
LEFT.

16.5

06.4 gr.

FAT = TRACE (1-1)

4.84 ALA.

REDSTART. ♀

PT = 8.

21.5

ORANGE OVER RED. #120

14.6

FAT 1-

RECAPTURED.

6.9

WHITE-EYED VIREO.

PT = 6

RECAPTURED FROM. 22 Feb.

FAT 1. MOLTING BREAST FEATHERS.  
(2 VECES).

HOODED WARBLER. ♂

P = 7

#96,

Recaptured.

30.0

20.5

FAT = 1

ROJO-BLANCO OVER. VERDE BLANCO

09.5

*Geothlypis trichas*. ♂ adult. PT = 5.

light blue over green light #81 left

FAT = 1

Recaptured

20.5

10.5

10.0

7.45

T Mockingbird

R. B. spiropt.

G. B. sparrow

B. B. hummingbird

Black lrbird

Y. B. chat 1g lgr PT 11

rept from day before

1 fat

L Flycatcher PT 12 New

#174 RIGHT.

26.8.

YELLOW ORANGE OVER. YELLOW.

18.2

ORANGE YELLOW

8.6

FAT=1

8:50. Saltator atriceps.

10:00 Spotophila torqueola ♀ A

Arremonops virgatus.

OVENBIRD.

PT=6.

32.0

#249 RIGHT

14.5

YELLOW OVER RED / LEFT

7.5

YELLOW OVER RED

FAT=1

NEW

HW 3 Reapt from Day 1

PT 16 Black/lt blue 1 fat

WEV Reapt. 1bl/1hgr PT 14 (p21)  
1 fat

D

SEEN

♂ PW PT 12

♀ PW along transection  
PT 8

feeding on the white flowers

♀ R.T. hummer on same flower  
)

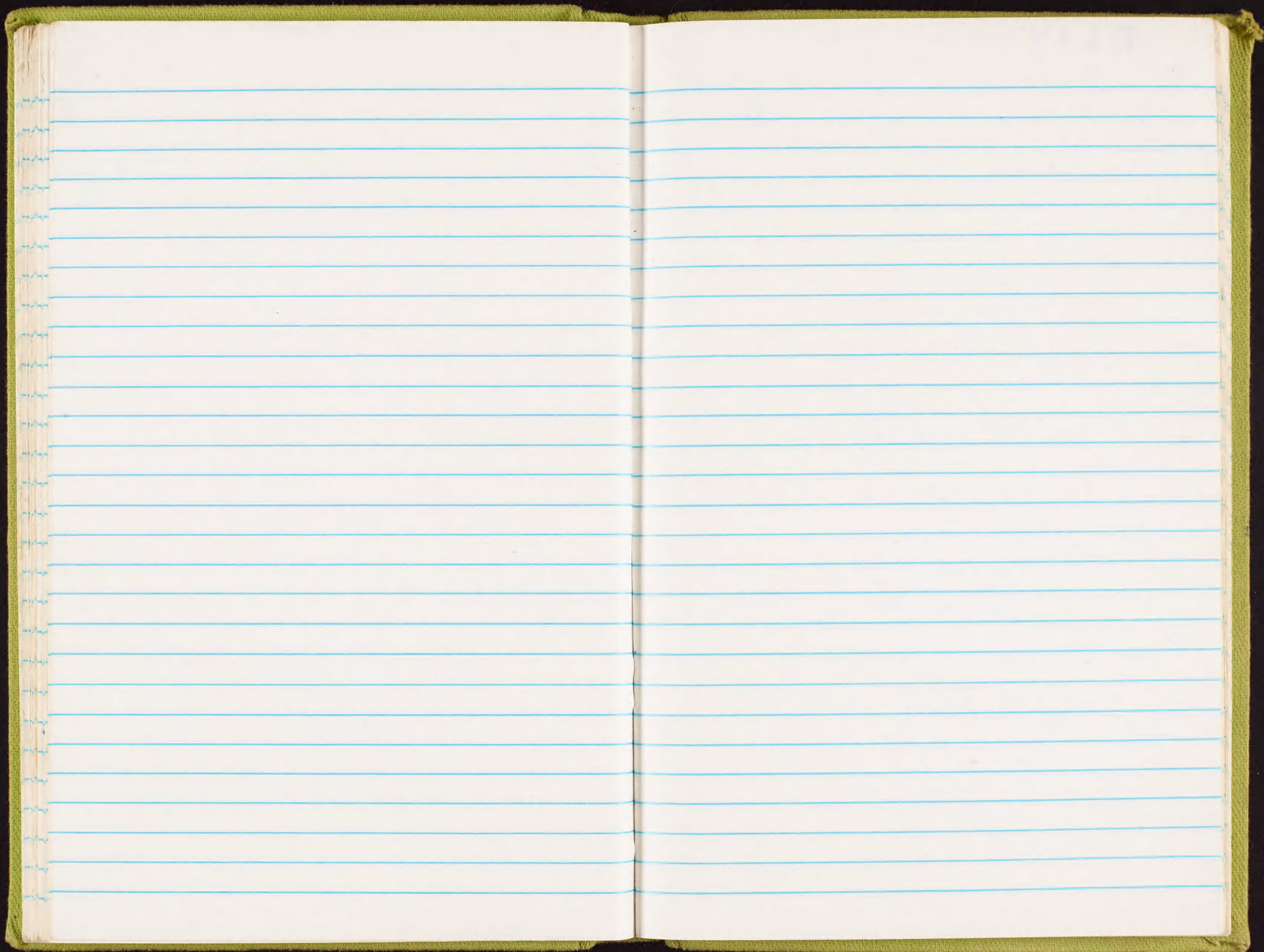
10:30

2 Scrub wrens

B. catbird

9 R.T. hummer  $\leftarrow$

Olive sparrow



Feb 24

Shank Forest AFL

1st In-house

♂ RT 6 10/10m

4m 1b hp 6" 243

♂ RT 6 11/11 1b hp 8"

4m 11"

2.5 km from ST on Rd

WEV instructions for 5 min

1b hp 12" 3m

4m 11"

1b hp 15" 3m

then started down (10m)

at 2-3 Bm - eventually

may have been feed

2nd Bed Red SR

♀

See 2 more WTV

probably

by 10m

Feb 24

3:30 pm clear air

Along young forest transect

w/ HLT m. trans

000 MW -

HL q 1st saw  
marked  
w/w left?

Pt 1 ♂ heard R.W? /? R, L

q MW ub

Pt 2 - nodes

P 3 Node

Pt 4 O/B <sup>HL</sup> <sub>UB</sub> → HL

Ad 3 R. L UB

Pd 5 node

in w, h. l  
cm q MW  
16/11 16/14  
J. N. L.  
wouldn't come.

Pt 6 node

Pt 7 node

8 Node

9 - hd MW in d. tran

10 Node

11 Node  
≈ 5:00 - quit!

Pt 2.5 cm in m. J. B. H. L.  
cm q MW  
R

Feb 25

Pt 11 Nide

12 "

13 - ♂ R.1 ad on

P. BTB ♂+♀

And 11/11 A.111

11/12 V.111 (h.g.)

11/11 no type?

No response from

M.111, no P.111

one was sitting

when I first saw

Pt. 14 - BTW ♂ ad on

HW ♂ RR-1/11?

Pt 15 HW 3 P/B R.111

16

17

18 - HW acme in - m.111

h.111,

WEW - 111

2 W.111 V.111

111

19 - Nide

20 111 W.111

Along Rd NW + Yf T.111-L

111 BTW

WEV 1x2" h.111 H.111 + F.111

111

7/8m

(111 BTW)

(111 BTW)

YTV 10/11 A.111 B.111

BTW 10/11 A.111

111

into position

plant

16 h.g. 1x2"

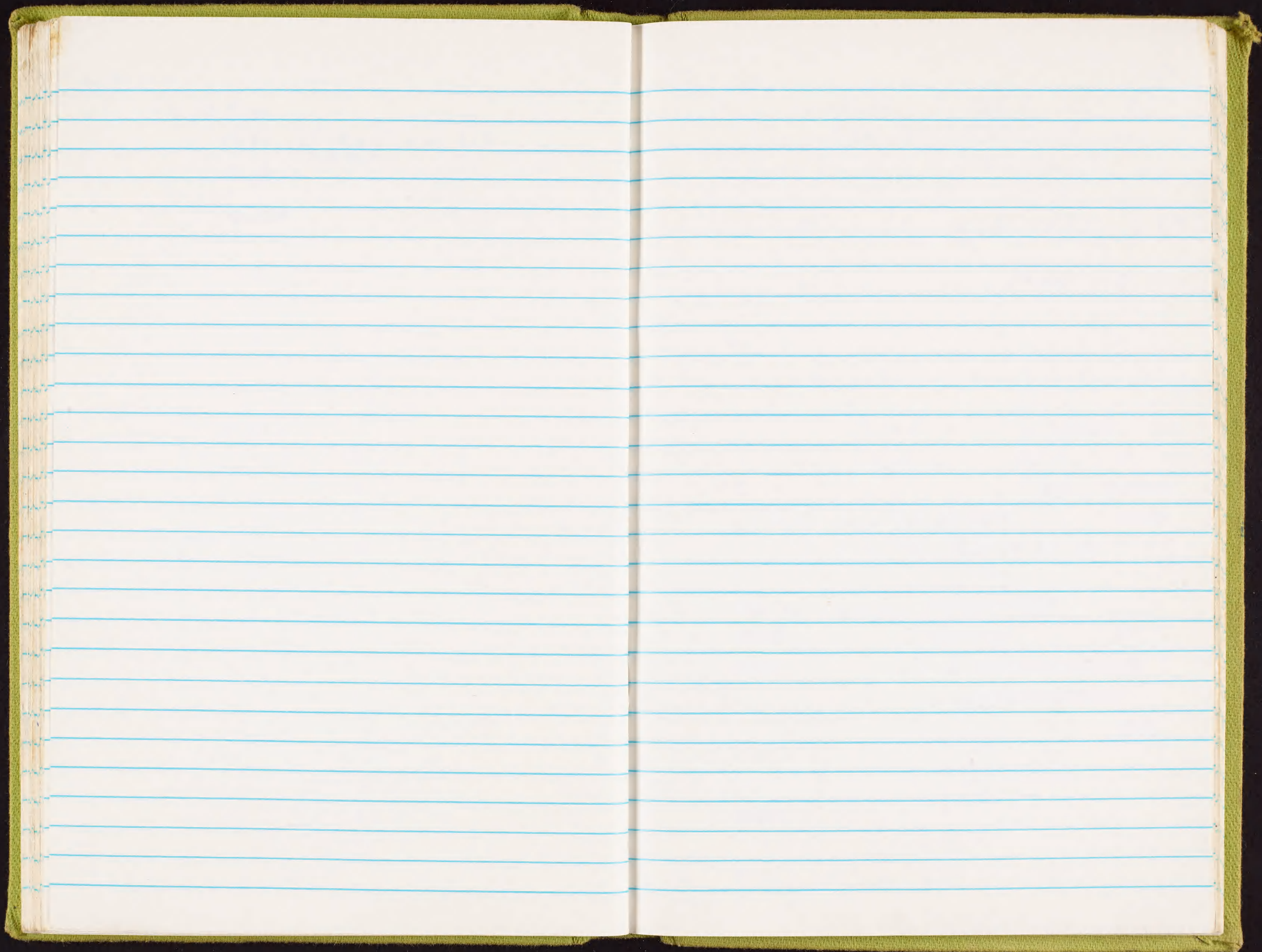
WEU -

2/2.5m

1b lorse<sup>1</sup> 4x6" vine leaf  
C. pillar

1b glesch

quar



2/25

3:30-5:30

HW 2/3 Hesperia 16/5/1

MLG

1/2" leg 1/2" 1/2" loop 12"

15' 10" E.A.  
 Top 249"  
 1.53m

$0.001 \text{ mol} + 0.001 \text{ mol}$   
 $0.002 \text{ mol}$   
 $0.002 \text{ mol}$   
 $0.002 \text{ mol}$

2/26

5 km N E 37

## Trail to Wind

Agosto

Q R T N

May 4/19 Sat. Sunny

- Mly

• Fly in Burdock abstract  
• Fly on crutch

ML Forest rule

3. pw Citex 6/16/21  
A equal

3 RUL - chuburo

QRTA

Q. RTH

WEV from 2 wks to trip  
3" (2 wks to trip)

2/27 Potrero Buckwheat  
light overcast sun

25 B.T. Bobwh. t. s

16.8 142m 8 Yt  
Shrub .2/.3

16.8 220 Yt 141  
16.7. 5 Mock, 1 Red  
W.C. seedcrack

15.5 210 Yt 141

19/? B.G. Gnatcatcher

13.5 2 cardinal

20 Yt

12.5 20 Yt

11 House Wren

11.5 R 14m Yt

O sparrow

T. Mockbird

11.4 R 14m 1/2m

2 B.G. Gnatcatcher

2 sparrow

Yt wren 1/4 Petw  
R 14m

Yt wren 1/2 R 14m

10.8 or sparrow

S. vireo

10.8 or sparrow

10.2 142m 1/3m 141

9.8 142m R 18m

several  
Chalcoo cat's which flowered  
off side (sun!)

8.8 O. sparrow

7.8 R 14m 2/3 C Flyc. 3' 10y 14.  
R.B. App-rat

6.5 S. vireo

8 Yt 2.5/3

W.C. seedcrack

Linnetted woodpecker

T Kingbird

9.8 142m R 14m 1.5/2

F.T. Emerald

4.8 142m R 14m 1.5/2  
R.T. Hummer?

3 Chalcoo

3 B.G. Gnatcatcher

low on P. Pappulcher

0.8 d 15m (4T) d

0.2 specimen

YT = 10

YTW = 1

PW = 2

LF<sub>1</sub> = 2

Inserts 4 d

→ 3.5  
→ 8 RT hummer on y h. l

400

200 6 x 3m honey lb

100 3m spec lb

4 x 3m honey lb

100

200

1000 J  
300

200 1st lb

200

200

100 6 3m leafhoppers 1b (all types)

300

200 6 m. leafhoppers 3m long

0  
25

Also on w. back pt 6

♀ Red, trt 1/3m

♀ PW in ch. coco flowers

off transect: ♀ MW

Walking back to ST

Acquired Red

♀ MW

LF/ACA etc ♀ MW

SG - MW ad ♂

Feb 27 -

Immature Bicolored Hawk

at km 8-9. Rd to

Cerro Puerto.

M. l. p. = 2/20

clear + alk

19.5 R 3m ~~4T 2/2m~~

~~6 sprrows~~ (cond. 10)

19.1 R 12m ~~4T 2/2m~~  
P. T Emerald

S. vireo

17.5 L 20 ~~4T 1/1~~

12.4 ~~R 15, 10, 10~~?

S. vireo

16.5 L S. vireo

2 sprrows

16.3 B. Gnatcatcher

15.8 L 20m? ~~ML 1/1~~

FT Emerald

B. Gnatcatcher

14.9 L 5m ~~4T 1/1~~

14.1 L 10m ~~4T~~

14.5 L 15m ~~LP 1/1~~

13- (cond. 10)

13.4 L 4m ~~LP 1/2 2/2m~~

12-13 S. vireo

Mockbird

~~10.5 L 4T on road R 15m~~

~~10.5 L 10 4T~~

~~10.4 L 9m 3 4T on ground~~

9-10

2-8f (mostly...)

20 w.c. (mostly...)

B. Grosbeak  
4-5 (mostly...)  
H. w. c.

8.5 R 20 (4T 3 on ground)

8.1 R 3 on 4T  
S. v. r. b.

5.5 R 15 m 4T (mostly...)?  
4 m

4.5 R 3 4T on ground

B. h. saltators

W. h. d. e.

4.5 C. c. Yellowthroat

M. B. h. b. r. d.

1.2 (L f h) 20 m A. c.  
2.5/2.5

1-2 1+2

Lev  
something that sounded  
Like a Jora in (mostly...)

4T = 11

Lf = 3

B. Gros = 1

~~W. h. d. e.~~

M. h. = 1

H. w. = 1

R. d. = 1

/ 18

Ad 3 Red 6/10 m

SF 16 f. l. h. 1"

4 x 5 7

WEU in Bursera - bit at fruit  
then into Accia

1 e. into a bare Bursera

bit at 2 more fruit then

Scared off

S/L-1

2nd WEU Spent  $\approx$  5 min feeding  
+ bit at Bursera  
fruit ~~then~~

often very vigorously

filled upon fruit

entering tree

A WEU time in 5 min

very chased off by 2nd

then one (one into a  
scratched

another Bursera

♀ Rd  $\frac{1}{2}$  (12 min)

knelt & loop fruit / Accia, 1

SF ♂ RT (U. 1st) 4x6" lb (log (4))  
2.7

Growth 11/2 off 2

♂ B & W W

5/11 ♂ M W ♀ 16 1/2"  
SF

WEU log 1b - log 3' 1b  
1x2"

1.5 / 3m

Rd. dc - SF

YTV searching 2 Bursera crowns -  
possible visit for fruit

Watch some trees as earlier -

for 1/2 hr - first WEU came

in + bit at 3-4 fruits

for 5 min - when army truck came -

then YTV came bit at 2 -

fruit - spent 1/2 time  
perched watching →

YTV flew to another  
Burr-

Sit a while (new)  
for 5 min this left

Collected forest foliage  
in woods  
by P.T.

1 March Meeting Grizzled Arjuna  
PC-humid light breeze

6:30 - R. P. Peppercorn  
3 B. B. hummingbird  
2 Cinnamon hummingbird  
1 ~~be~~ FT Emerald  
Dusky-rumped Fly  
Scrub Vireo  
Cly-colored Robin  
B. h. S. Ito  
S. B. Wren  
Couch's Kingbird  
B. C. Oriole

OWENBIRD PT 11.5  
FAT = 1 WT = 18.4  
# = 250 BLUE/WHITE OVER BLUE/WHITE LFT  
AGE?

210
31.2
12.8
18.4

REDSMART ♀ PT 18.8  
FAT = 1- WT = 6.5  
# 183 RED/GREEN OVER RED/GREEN LFT

20.0
20.5
6.5

LEAST FLYCATCHER PT 18.8  
FAT = 1- WT = 8.5  
# 184 YELL/ORANGE OVER YELL/ORANGE LFT

20.3
18.8
8.5

BLACK & WHITE WARBS

PT 4

14  
25.0  
17.3  
7.7

FAT = 1 WT = 7.7

# 185

BLUE/WHIT OVER BLUE/WHIT LEFT

ADULT ♂

NO MOLT

HOODED WARBS.

PT 8

12  
29.4  
14.8  
8.6

FAT = 1 WT = 8.6

# 186

BLUE/WHIT OVER BLUE/WHIT LEFT

FIRST YEAR ♀

CHAT

PT 8.5

2.10  
24.10  
18.7

FAT = 1

WT = 22.3

22.3

~~WHIT~~

~~BLUE/WHIT~~

DARK BLUE/ORANGE LEFT (Had Seeds)

ADULT - VERY BRIGHT PLUMAGE

HOODED WARBS

♂

PT. 8

35.3  
25.8  
10.7

Fat = 1-

WT = 10.7

# 187

BLUE/RED OVER BLUE/RED LEFT

2 CINN HUM

3 OLIVE SPARROW

Tropical Mockingbird

Scrub Vireo (Blue/wh Band)

No. Beardless Tyrannulet

LEAST FLY

PT 11.5

24.7  
15.3  
9.4

WT = 9.4

FAT = 1

# 188

BLUE/WHIT OVER BLUE/WHIT LEFT

20.3

REDSTART ♀ PT. 20

14.3  
6.0

WT = 6.0 FAT = 1

# 190

BLUE/WHIT OVER BLUE/WHIT LEFT

(2) S.B. WREN

(2) B.B. HUMMING

(2) F.T. EMERALD

(2) SCRUB VIREO

W.C. SEED

American Redstart ♀

31.7  
25.6  
6.1

Pt. 5 Recap Black/Pink Left

Fat = Trace WT = 6.1 gr

# 150

Least Flycatcher

42.9

Pt. 2

33.5

Fat = 1

WT = 9.4 gr

9.4

Wh/Blue/Red/Wh # 190

PT = 9

AM Redstart immature ♂

20.0

# 141 Blue-red / Blue-red.

9.5

Recaptured

10.5

Fat = 1

Weight = 10.5 gr

*Empidonax minimus*

Recaptured

Fat 1+

#142.

Yellow orange / Yellow-orange  
left.

7+3

34.5

-24.5

10.0 gr.

Grazed. Areal.

2 March Day 2

Common Yellowthroat P+ 14 ♂

FAT = 1+ WT = 9.4

#191 Blue/white over Blue/white left

LEAST FLYCATCHER P+ 19 16.3

FAT: 1 WT: 9.5

#194 Red/Green over Red/Blue, left

\* YELLOW BREASTED CHAT P+ 18 30.8  
FAT 1 WT 23.5 7.3  
23.5

Dark blue over Dark Blue, Right  
(recapture from last year)  
seeds in bag

\* LEFL Recapture from fall

#137 LT BLUE over LT BLUE left

FAT = 1 WT = 8.3

PT = 0

8.3  
25.0  
8.3

(2) Altamira Oriole

Greenish Elaenia

W.L. SEED

B.B. Hummer

N.B. Tanager

(5) OL. SPAR.

BL. CATBIRD

YUC. WOPICK

AB.L. ORIOLE

(2) CARDINAL

(2) Dusky-capped Fly

(2) Scrub Vireo

R.B. Pepper shrike

R.T. Tanager

HOODED WARBLER ♀ P+ 7.5  
recapture from yesterday  
Band #186,

15.6

7.2

2.4

FAT: 1

Left, Blue white over Blue white

WT: 8.4

Escaped - COYE Red/Black P+ 9

Greenish Elaenia

Bl. Cat

Yuc. WP

Ol. Sparrow

Trop Moc

BB Hum

SC.VI.

TP

Black-Throated Green Warbler 33.0  
SEX = ♂ IMM PT = 1 25.0  
WT = 8.0 FAT = 1  
RED/RED LEFT #196  
8.0

OWENBIRD PT = 6  
#154 yellow/orange over yellow/orange  
FAT = 1 WT = 17.2 32.0  
19.8  
17.2

[ David had Orchard Oriole  
(coming to white legume flowers at  
Pt 20 )

MW ♂ SF JL JF RE + A

D. 3 ungrazed Ac. h. - 1  
3/3/89

6:00

Pt 15 imm 3 Rds New  
~~Black/green~~ / bl. - k #97  
Fat = 1 -  
28.5 - 32.5 - 25.5 = 7 gr

Net Left open at Pt 10.5 #251

Pt

10.5 l O - bird 31.5 gr  
LIGHT BLUE OVER PINK 14.0 gr  
17.5 gr

FAT = 1+

Pt 19 Recaptured adult. <sup>Common</sup> Yellow-throated  
last year

# 29.2 Fat = 1  
20.5 orange/blue (deep) #8628  
08.7 gr Weight = 8.7 gr.

imm ♂

Magnolia Warbler Pt = 8  
Fat = 1 #201 GG.

21.2

14.0 orange-yellow / orange yellow  
07.2 gr no molt.

Jill. saw. 1 banded magnolia.

White eyed Vireo. recaptured. Pt = 3  
black / green left. 25.2  
#155. 16.5  
Fat = 1 Weight: 09.7 gr.

Least Flycatcher.

Recaptured from yesterday. Pt = 2.  
190 left. weight. Fat = 1.  
blanco azul / rojo blanco left.

(Pt = 5)

Vermivora pinus. ♀ adult. Recaptured. / last year.

# 86.239. dark blue / light blue. 33.0  
Fat = 1+ 25.5  
Weight = 07.5 gr.

- Black headed Saltator ♀. Hooded Oriole
- Glaucidium brasilianum.
- Cardinal. (2)+1
- Black catbird (2)
- Cinnamon (?) Hummingbird.
- Ruby throated hummingbird ♀. → open net.
- Mockinbird Tropical (2)
- Poliophila caerulea
- Mangrove vireo
- Buff b. Hummingbird.

♂ Parula americana. Pt = 4  
 Red over Red left. 25.2  
 Fat. 1 18.2  
 # 280 GG. 07.0 gr.

Parula americana. ♀ Pt = 9 left.  
~~red green / green~~ red. Green red / red green,  
 Fat = 1 # GG = 279

21.4  
 15.5  
 05.9 gr.  
 Weight = 5.9 gr.

Magnolia Warbler ♀ Pt = 3  
 Fat = 1

Molting around the face. 25.3  
 red green / red green 18.5  
 # GG 281 06.8 gr  
 Weight = 6.8 gr

Recaptured. Vermivora peregrina,

Cardinal

♂ R. T. Hummer

♀ Black Catbird

Pepperbird

B. B. / B. W. ♀ Red Pt 20 - 1 fat  
 Benquet

Pt. 16 Yellowthroat ♂

9.9 grams

1/2 Lt green / Black

Fat = 1

# 292

March 4- 6:00-7:00

Trail Start from R. Johnson  
Barnes grass flash  
scrubby shrub bush

Several flycatchers B-crown finch

WEV (one into tree  
singing & scratching)

RTG 7/8 ~ Accu  
♀ 1b gl

SF - imm ♂ Red

SF molting ♂ MW

March 5 km 12 - Newberry Rd

John RA

5 } 13/18 ~ Accu 1b long leg 6"  
♀ } RTG broad-based 3rd "leg 8"

♀ - MW TF  
♂

imm ♂ R. 1st  
ad ♂ Red

2 Y Tuiricos

5 HU  
5 HU

♂ RTG ↔ 2x4" 14/15 ~ 1b gl

♂ MW

RTG ♂ 10/11 1b ty, Accu

♂ Bar

RTG ♂ 8/10 1b ty 1b Accu

3/6/89 OLD FOREST TRANSECT

6:45 (3) Blue Bunting

→ Hooded Warbler

Gr/Blue/yellow left

WT = 12.1 gr Fat = 1+

♂

Pt 7

# 192

37.7

25.6

12.1

Blue Bunting ♀

8:30

3 Olivaceous Woodcreeper

T. B. woodcreeper

R. T. A. titmouse

G. B. sparrow

Spadebill

T. W. woodcreeper

→ SAW ♂ HB  
pt 14 um

G. L. flycatcher pt. 12

9:30-

Q. B. Bunting

♂ w. T. flycatcher

Ruddy Woodcreeper

11:00 - R. woodcreeper

Blue Bunting

S. R. flycatcher

Overboard G. B. sparrow

PT. 19 Overboard - New

\* Fat

# 252 R

WT = 0.1 G - W 1.97

19.9 gm

12:30 - 2 Blue Bunting

1 Blue Bunting

Green-backed sparrow

\* Hooded Warbler ♂

PT 13

35

15.3

RECAPTURE - BLUE/RED LEFT #161

FAT = 1

WT = 9.7

YOUNG MALE BY TAIL BANDS

Old Forest March 7 - notes

12/12 PWG in yellow

legume flower

P+2

10/12 BTB ♂ @ 16 gl 3x6" lot

P+12 - (BTB ♀ 10/12 in Ace 14 rock)

2 live vireos apparently truly  
together

7:00 run

Olive-bird New pt 19.

16.8g. 1/1 - fat

Mistle Thrush Bird in Right leg!

loft 255

Ivory-billed Woodcreeper

R.T. Anttanager

9:00

2 Blue Bunting  
→ R. Anttanager Ant J ♂  
T.C. Greenlet

1:00

2 S.T. Sparrows

B.B. hummer

W.T. Sabrewing

♀ Blue bunting

Um Kentucky, seen

pt 2.5

Ruby Woodcreeper

Olive. Woodcreeper

Blue Bunting

Blue Bunting

White-eyed Vireo

pt 19.5

Escaped

24.7

10.3 grams

12:30

2 ♂ Blue Bunting

- Ivory Woodcreeper.

1:30

4 ~~Blue~~ Blue Bunting

Tawny crowned Greenlet

2

OLV. Woodcreeper

Long Billed Gnatcatcher

Plain Kingfisher

2

Olive Sparrow

Kentucky WARBLER

PT = 2.5-3.

39.6

FAT = 1+

25.5

WEIGHT = 14.1 gr.

14.1 gr.

# 283

GREEN OVER BLACK

HOODED. Warbler ♂ ad.

PT = 17.

16.7 Recaptured from last year.

6.8

pink / pink, # 195.

9.9

FAT = 1

330

B. Bunting ♀

O. woodhousei

L. B. Emerald

50.5

— WOOD THRUSH —

PT = 2.5

6.7

FAT = 1

43.8 gr.

IMMATURE BY TAIL BARS.

BLACK / WHITE LEFT.

WEIGHT = 14.1 gr.

March 8 Potrero  
clear + breezy

6.1 R. chickadee

0.1 47 R. chickadee  
FT Emerald

Shubs

2 1/2 - 4m

fun hum.

white +

yellow larks

+

chirp

2.5 R. 47 R  
2 Y. B. chickadee  
B. G. chickadee  
2 H. B. chickadee  
S. vireo

3 S. B. war

3. S. vireo

3.9 47 R

4. B. G. chickadee - 1/2 of noon

4.8 P. W. 20 R

Indigo Bunting

5.5 R. B. chickadee

chirp

O. sparrow

6. S. vireo

P. W. 20 R

6.2 12 am P. W. 20 R

7.0 FT Emerald

7.5 10 am C. 47 R

M. B. chickadee

2 B. G. chickadee

O. sparrow

R. T. hummer

7.8 H. W. 40

2 Orange oriole

6. vireo singing

4 (aches) Kingbird

den chirp  
fledgling - wheel chirp  
wheel-chirp  
f a trill

Y. A. chickadee

9.1 T. Mockingbird

10.1 2 S. vireo

O. sparrow

47 R 5m

47 R 5m

11.2 O. sparrow

H. oriole

2 C. W. birds - lots of  
singing - chirp

12.1 2 am L. F. 1/2

12.5 47 R

V. seedling

H. oriole 2 White larks

5  
Sheep!

16, 9 & 45 in control

$$n \leq 5 \times 10^4 + 1$$

18.1 4452th

B, G, G, A, K

10 47

2 PW

I H V

1 Lfly

14 W R

1 RTh

12 Aug

6

16 ms 3 species

1 for 2

TARIR seen AT RANCHO TABAYO  
Intro) Birds - old forest March 6  
March 6-7 98:00  
a.m.  
on vocal

2-3 collared Pagrus 24

Pharmaceuticals

R.C. Atkinson

8 May

### Labels of Organ Order System

Outre, 0

- white flowers - lily-like in

but they

chromosome - pairing some seed set

Zusatz - Potrero 6R

100 3 m 100 m 16

100 (then 900, 1000, etc.)

202

200

202

200

300

200

120

200

200

200

2150

200 (Tmr gr jugs sp 1b)  
260

2000

0/6

On way back from transit 900-1000

I watched WE Vireo feed (chick)

After (5-10m) at a pr of

Scrub vireo - No expression  
just chattering

WEV fly over left side  
& fussing

Spit up a Bursera seed

Yellow Vireo seen in bar  
Crown of Bursera

March 9

6:15 NL STERESA

1st LEU went into Bush

for 3 min

tried one fruit -

etc 2nd (probably 1)  
then out of tree

2nd LEU went in etc 1st fruit -

first follow flew by

↑ it was out

of tree

3rd went into tree - got out first

tried 2x on ground

then left

4th was searching around

4th WEU came into 3 trees

tried at 4 fruits & failed

2-3 pulls/fruit.

then left Bush LE large 15"

3x6" leaf

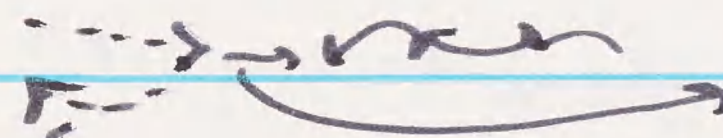
50/6m

→ I watched WEU enter the crown

at 4 Bushes - a way

checked out of last one

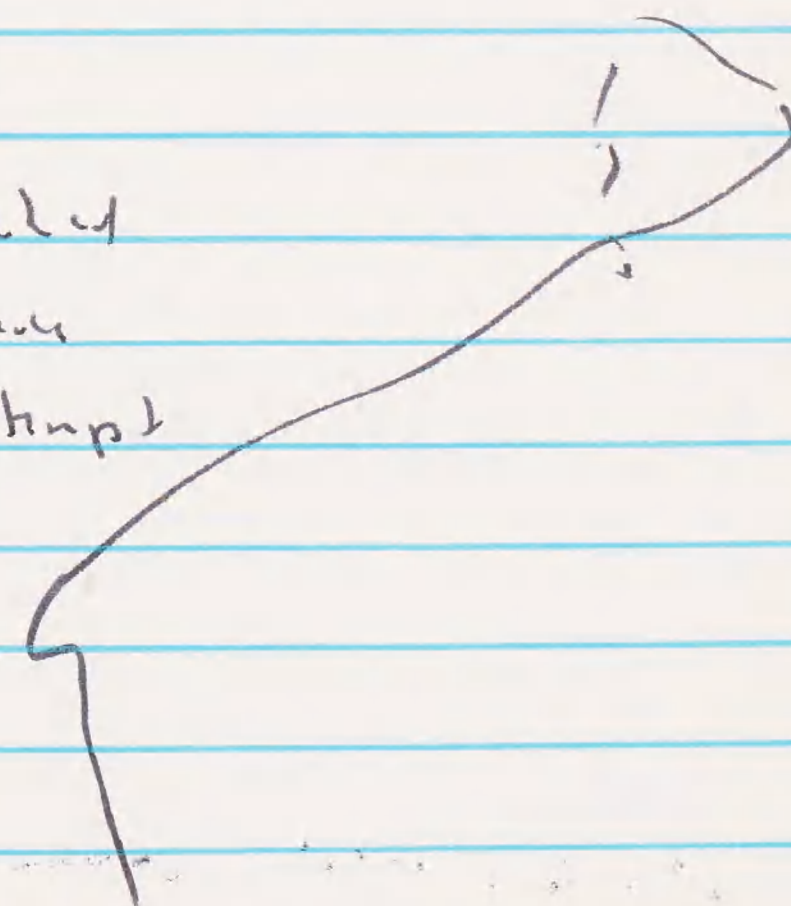
by another WEU



the bird 2 studied

crown & made

one attempt



WV 7/11 Clinic

1b lap 3" 6x7"

large T" lat

lap 3"

B+6 Arrived edge  
1b lap 3" Arrive  
1b lap 3"  
1t flush

MW 1b, 1 3x5" 5/7

MW 1b lap 1" 2x3"

gleen line 1.5"

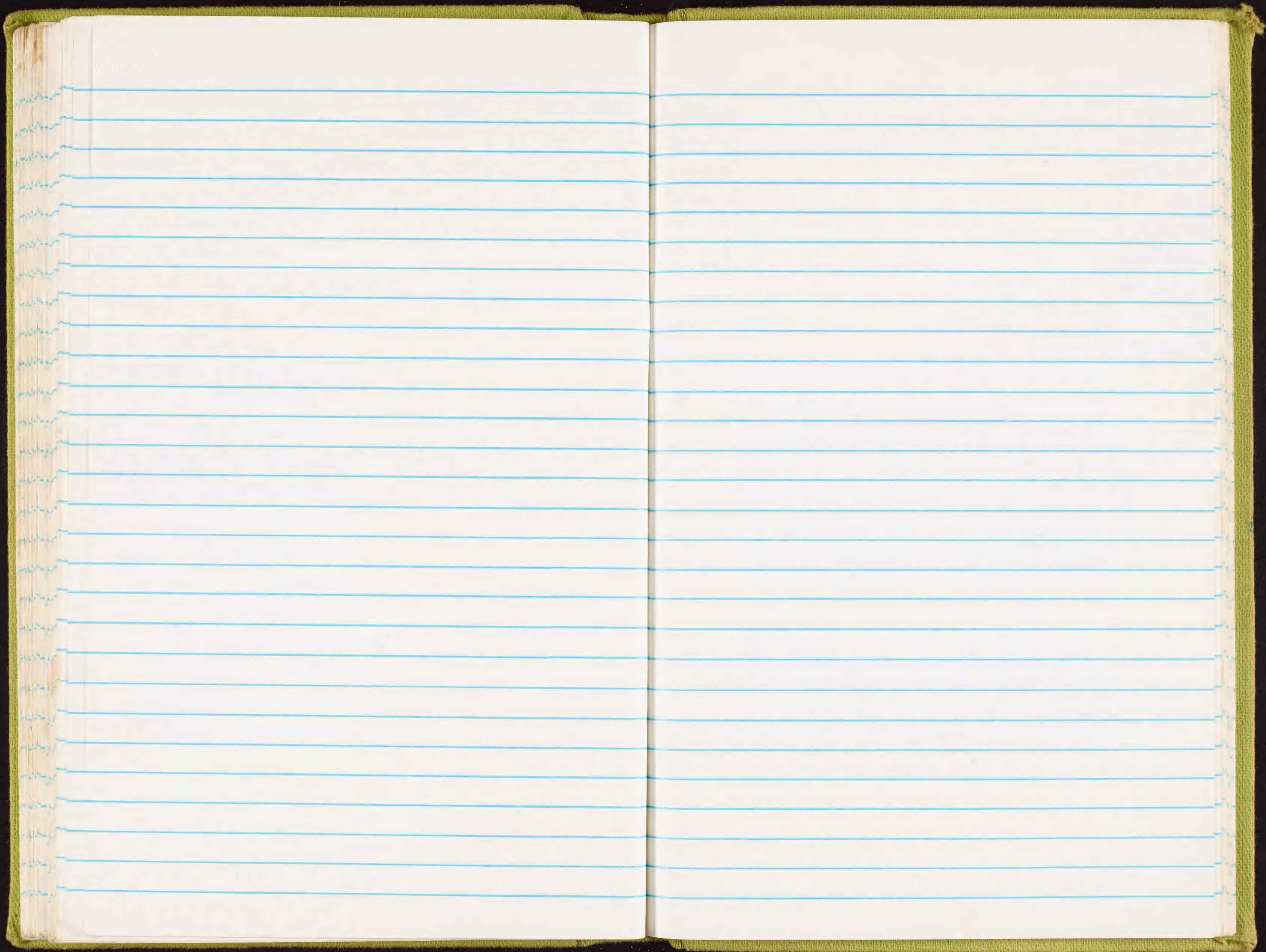
5/7

Lat WV 1b, 1 in shabby

Saw Crane Hawk Behind

ST

Makes whistled  
ducking call?



Old Forest

March 10 1978

Glow sunset

♀ Phainopepla

B. B. House

Owls

spide h. 11

2 B. Jay

Owls

0.2 R (Mw) h

0.8 L (Mw) Red h

(Mw) h 15/18

1.2 R Red h

1.1 (R) G. n. m

B. C. Flycatcher

2-3

T. B. Tit

I. B. Wren

G. B. Sparrow

W. B. Wren

R. B. Ant

Greenlet

G. E. Wren

G. B. Wren

(TU) h

G. C. Flycatcher 10m

(W) h

BO h - 2 Q 17/17

Y. T. E. Wren

S. B. Woodpecker

G. C. Wren

(B) W. h

W. B. Wren 8+

Red-eyed Vireo - 12/15/78  
in yellow flower tree

C. Catbird

B. B. Wren

3.2 L. S. W. Wren 10m

3.2 P. W. Wren 17/17

M. h

G. O. Flycatcher

2 R. T. Tit

B. B. Wren

3.6 L. S. W. Wren h

3.7 R. Red h

I. B. Wren

2 O. Wren

4.2 B. h. Wren

4.2 L. S. W. Wren

(G. C. Flycatcher)

W. T. Tit

4.1 L. S. W. Wren

4.8 2 spide h. 11

6.1 L. Red 8/10m R 2m

6.2 G. W. Wren 10/10m R 8m

5.9 R. 8m color Red 13/16 B. Wren

L. Flycatcher

B. R. Ant

(C. C. woodpecker hd)

8.2 R 12m

WEU 6-4/6-W

folky by

R. L. 13/14 8/10

13/14

MW 3

Y. T. L. 1/11

C. L. Wren

S. L. B. 11

~~W. B. 11~~

9.0

12 R BT 6 LA

W. B. Wren

R. T. Ant. 1/11  
R. L. 1/11

10.5 1/11 3 Ral

~~R. L. 1/11~~ B. L. Fly  
(1/11)

3 BT 6 hd 120m

R. T. 1/11

G. B. 1/11

Y. T. V 130m

R. L. 1/11

MW 1/11

B. L. 1/11

R. T. Ant

L. B. 1/11

13.5 1/11 W. B. 1/11

14.2 B. 1/11 ?

B. C. 1/11

16. ? O. L. 1/11

HW 1/11

P. C. Fly

~~W. B. 1/11~~

17.5 1/11 WEU 1/11 3" 1/11 2/11  
1/11 7/11

B. R. 1/11

MW 3 17.5 R 5m 8/11

3 B. 1/11

18.5 WEU 1/11 to 1/11 (1/11 1/11)

R. 1/11

pl 1/11

9-5 R. L. 1/11

1/11 6-2 R. L. 1/11 1/11 2/11

1/11 W. R. 1/11

19  
S. L. L. L. L.

$$M_w = 9$$

Red = 8

W E U 6

$$\beta + w = 2$$

HW = 1

YTV = 2

$$w_{\text{ood}} + h = 1$$
$$GCF = 1$$
$$L(f)_y = 1$$

$PW \approx 2$

556 2 5

1 spf 38

26D

105

300

210

500

203

200

200

Sm-sprink

From 11.11.18

Bm hup 1b

(4th year)

2m math/13

200

100

200

1900

20v

100

200

100

7m n north

Inner not L

Zeit)

17

Pl- 3.2

RE 31 61417

$\frac{1}{2}$  mm ~~BSW~~ ~~Wade~~

1.42 07.06/10.10.10

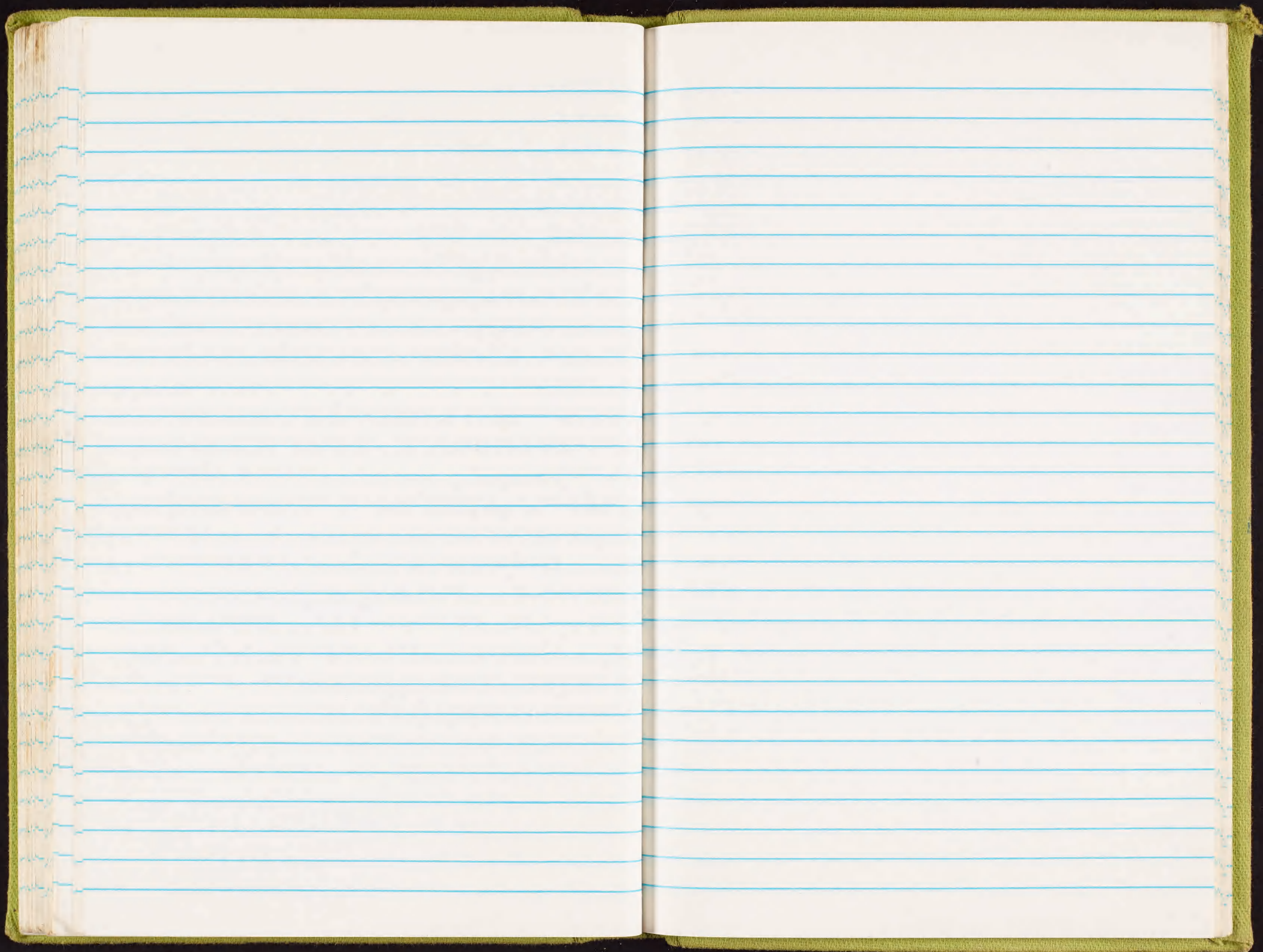
17 Oct 2006

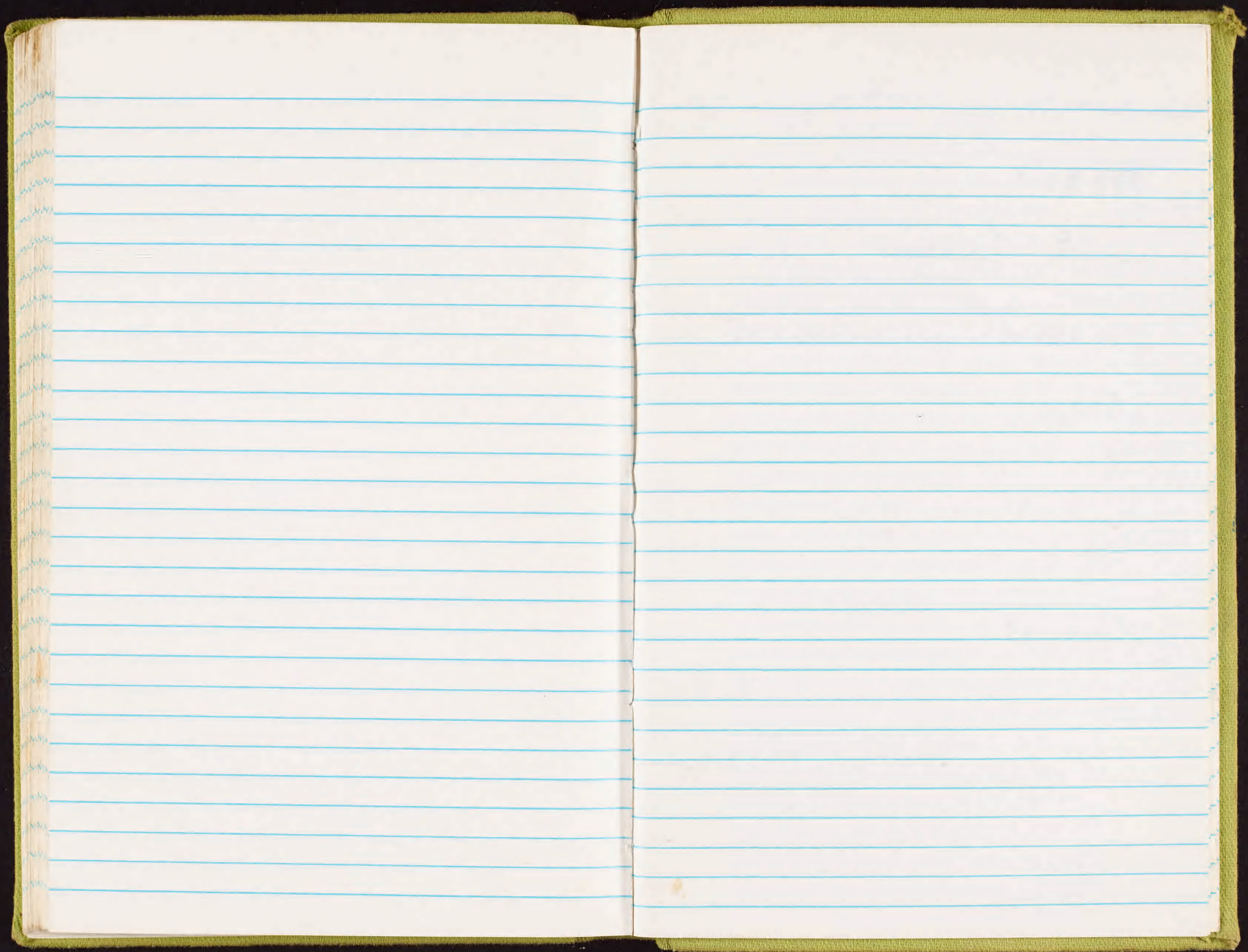
Unit 5 Red

Ch. 10

7/8 m lep 2<sup>nd</sup> god snu

By





Chiapas -

88888888

SEDUE Delegado

Chajul

Chajul

Juan Manuel Mauricio

Sedue  
Tuxtla

Chiapas

Jill + David Heath

49 Lewis Path

Old Westbury, New York 11568

516-626-3614

ROSA MA. VIDAL R.

DIRECCION. PERMANENTE. MEX. D.F.

EUZKARO #192 COL. INDUSTRIAL

CP 07800 MEXICO. D.F.

en SAN CRISTOBAL LAS CASAS:

tel 80542 (CASA).

DIRECCION; PERIFERICO NORTE #3.

APDO POST 219 CP 29230, S.C.L.C.

CHIAPAS.

52-967

-83005

G-9

01

Amigos de Sim K'ien

4-95-83

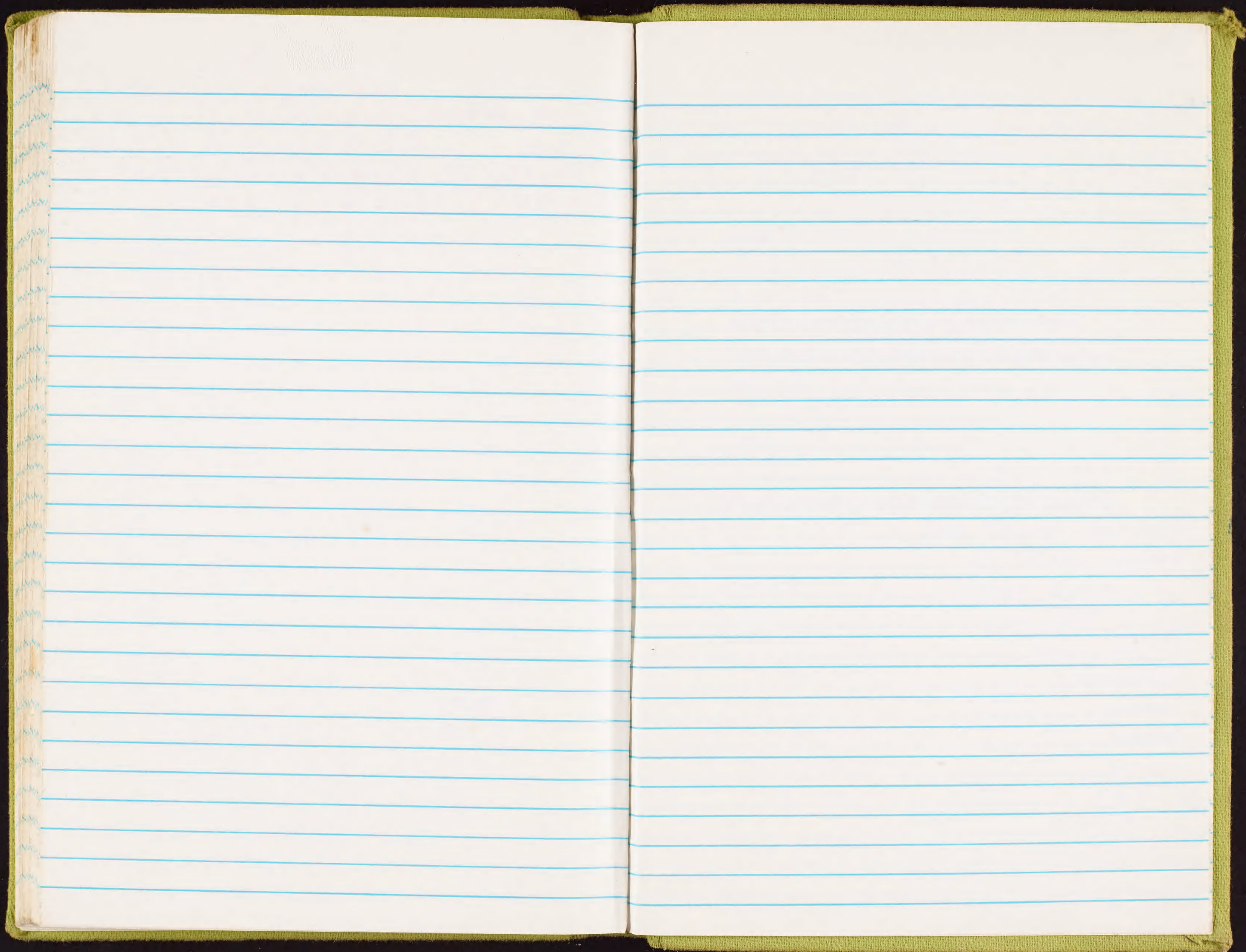
Simon Guerrero

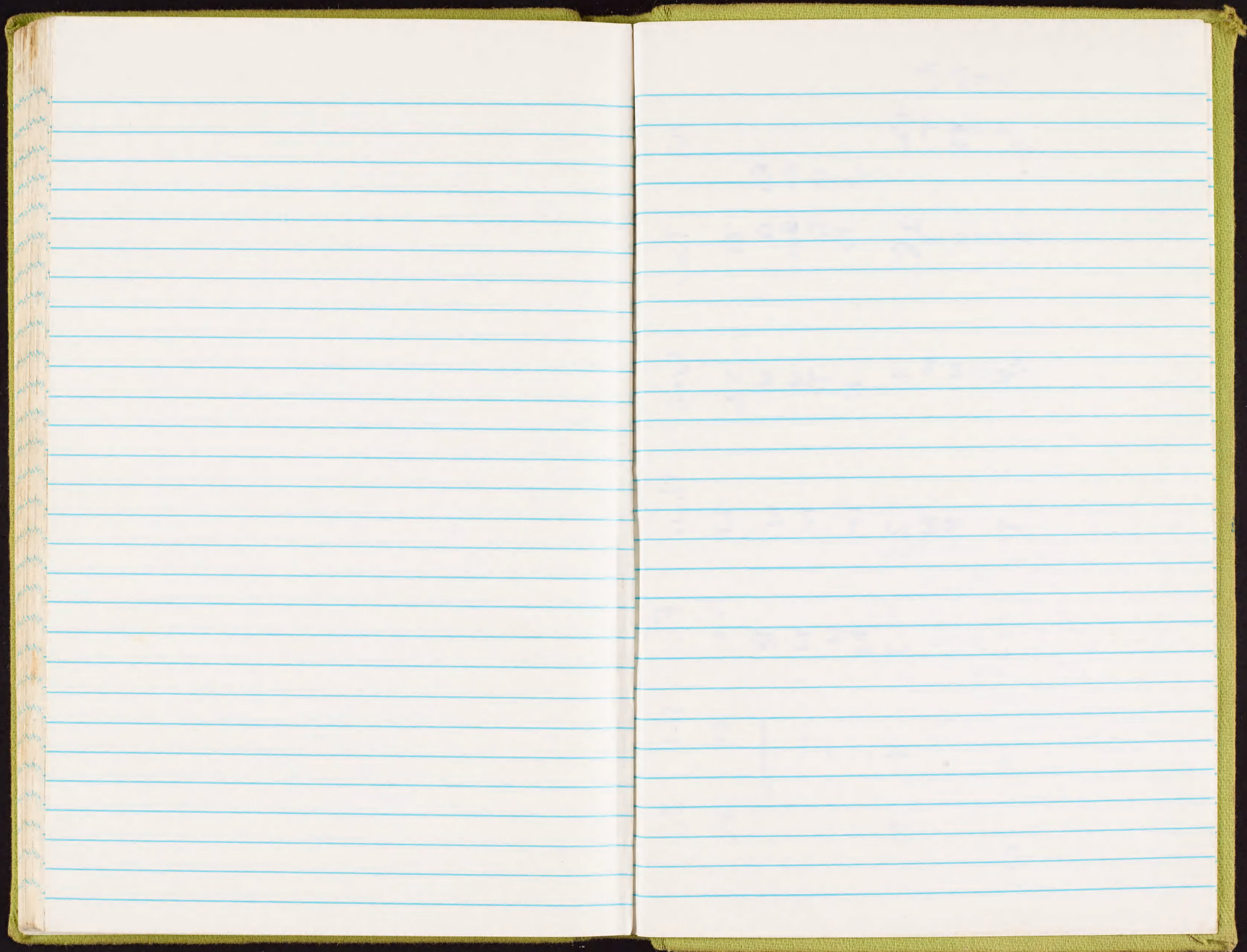
1230 Amsterdam Av. #233

NY NY 10027

tel (212) 866-1724 (Apt. Home)

(212) 678-3220 (Messages)





M

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Sun

26  
5  
12

Before leaving Mexico

Money to Rosa ~~\$450~~

Money to David + Jill \$1,000

~~Final statement from them~~

~~Buyer fruit~~

~~phone #s at Delgado y Guadalupe~~

Rosa's Address + phone

~~Final Transcripts field notes~~

Yero's field notes

\$800  
 230  
 180  
 150  
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 990  
 1000

2/17 20,000 pesos  
 2/18 Dinner \$30,000  
 Food \$47,000  
 \$160,000 pesos

2/15 285 6015  
 756-6961  
 J. P. Myers - 212-546-9281  
 \$200 Amigos - for insurance

\$200 David + Jill

32,000 from

20,000 (car - oil) per

25,000 phone with Antonio Buhar

1) Rent + car 3) PNAS

2) scholarly studies

Jim Dietz Apr. 1 3 1-2

Dodge Foundation Princeton

Apr. 1 8

Apr. 1

{3.20}

4.3  
 4.5  
 21.5  
 172  
 141.5

Thurs to Sat. 1981

Yellow flowering Cerise - p+10

White flowering vine old forest

Rainfall data

Land-use data

Cost of phenology

Measuring Data

Chat seeds?

98324068

